CONTENTS, VOLUME 90

Publications by Weather Bureau Authors. Objective Forecasts of Daily and Mean Surface Temperature William H. Klein, Billy M. Lewis, and Curtis W. Crockett New Weather Bureau Publication. Nan Improved NWP Model for Forecasting the Paths of Tropical Cyclones. Lloyd W. Vanderman Wind Speed Measuring System, Frequency Type. Herman H. Crouser 26-2 27-2 The Weather and Circulation of October 1961—Retrogression of Planetary Waves in the Western Hemisphere. James F. O'Connor 29-2 Wallace W. Lamoreux FEBRUARY 1 An Investigation of the Meteorological Conditions Associated With Extreme Wind Tides on Lake Eric Shirley M. Irish and George W. Platzman Recent Articles in Other Weather Bureau Periodicals. Correction On the Occurrence of Dynamic Instability in Incipient and Developing Hurricanes An Experiment in Forecasting Rainfall Probabilities by Objective Methods. Hard R. A. Alaka An Experiment in Forecasting Rainfall Probabilities by Objective Methods. Hard R. Charles M. Woffinden Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona Paul C. Kangieser The Weather and Circulation of November 1961. NUMBER 3 MARCH 1 Precipitation Estimates in the Great Lakes Drainage Basins. Ivan W. Brunk A General Relation Between Frequency and Duration of Precipitation. Leonard L. Weiss The Tropical Cyclone Problem in East Pakistan Gerdon E. Dunn A General Relation Between Frequency and Duration of Precipitation. Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler Publications by Weather Bureau Authors. Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler 107 Publications by Weather Bureau Authors. The Weather and Circulation of December 1961—Strong Blocking at High Latitudes. Raymond A. Green NUMBER 4 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes. Sidney Teweles and Mirco Snidero Sidn	NUMBER 1 JANU.	ARY 19
New Weather Bureau Publication. An Improved NWP Model for Forecasting the Paths of Tropical Cyclones. Lloyd W. Vanderman Wind Speed Measuring System, Frequency Type	Synoptic Use of Radiation Measurements from Satellite TIROS IISigmund Fritz and Jay S. Winston Publications by Weather Bureau Authors Objective Forecasts of Daily and Mean Surface Temperature William H. Kleim Bills M. Lawin and Contin W. Craslatt	10
An Improved NWP Model for Forecasting the Paths of Tropical Cyclones Lloyd W. Vanderman H. Crouser Wind Speed Measuring System, Frequency Type Herman H. Crouser Modern Evaporation Formulae Adapted to Computer Use Wallace W. Lamoreux 23-23-24 March Hemisphere Waves in the Western Hemisphere James F. O'Connor		
An Investigation of the Meteorological Conditions Associated With Extreme Wind Tides on Lake Erie Shirley M. Irish and George W. Platzman 48. Correction 48. On the Occurrence of Dynamic Instability in Incipient and Developing Hurricanes M. A. Alaka 49-75. An Experiment in Forecasting Rainfall Probabilities by Objective Methods Harry R. Glahn 59-68. Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona Paul C. Kangieser 71-75. Paul C. Kangieser 71-75. The Weather and Circulation of November 1961 Charles M. Woffinden 71-76. The Weather and Circulation of November 1961 Charles M. Woffinden 71-76. The Tropical Cyclone Problem in East Pakistan Gordon E. Dunn A General Relation Between Frequency and Duration of Precipitation Leonard L. Weiss 71-76. Climatological Effect of Changeover to Hygrothermometer Benjamin Ratner 71-76. The Inversion "Bright Band"—A Feature of Three Winter Storms Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler 103-76. Publications by Weather Bureau Authors 120. The Weather and Circulation of December 1961—Strong Blocking at High Latitudes, Raymond A. Green 121-121. Some Problems of Numerical Mesoanalysis George T. Dellert, Jr. Some Problems of Numerical Mesoanalysis George T. Dellert, Jr. Some Problems of Numerical Mesoanalysis George T. Dellert, Jr. Sidney Teweles and Mirco Snidero 147-New Weather Bureau Publication Surprised Mesoanalysis C. L. Jordan and Te-Chun Ho 156-156. Correction 156-156. Correction 156-156. The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread 157-156. The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread 157-156.	An Improved NWP Model for Forecasting the Paths of Tropical CyclonesLloyd W. Vanderman Wind Speed Measuring System, Frequency Type	18 19-22 23-28 26-28 29-38
Shirley M. Irish and George W. Platzman 48 Correction 48 On the Occurrence of Dynamic Instability in Incipient and Developing Hurricanes M. A. Alaka 49-8 An Experiment in Forecasting Rainfall Probabilities by Objective Methods Harry R. Glahn Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona Paul C. Kangieser 71-7 The Weather and Circulation of November 1961 Charles M. Woffinden Procipitation Estimates in the Great Lakes Drainage Basins Ivan W. Brunk The Tropical Cyclone Problem in East Pakistan Gordon E. Dunn A Gordon E. Dunn A General Relation Between Frequency and Duration of Precipitation Leonard L. Weiss Climatological Effect of Changeover to Hygrothermometer Benjamin Ratner The Inversion "Bright Band"—A Feature of Three Winter Storms Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler 107-108 The Hurricane Season of 1961 Gordon E. Dunn and Staff 107-108 The Weather and Circulation of December 1961—Strong Blocking at High Latitudes Raymond A. Green 107 NUMBER 4 APRIL 1 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes Sidney Teweles and Mirco Snidero New Weather Bureau Publication Sidney Teweles and Mirco Snidero New Weather Bureau Publication Sidney Teweles and Mirco Snidero New Weather Bureau Publication Correction 156 Correction 156 Correction 157 Correction 156 Correction 157 Charles M. A. Alaka 49-5 Sidney Teweles and Mirco Snidero 157 Circulation of January 1962—A Month With Large Circulation Changes and Widespread 157 Climatologial Effect of Changes and Widespread 157 Climatologial Effect of Changes and Widespread 157 Correction 156 Correction 156 Correction 156 Correction 156 Correction 156 Correction 157 Correction 157 Correction 158 Correction 158 Correction 159 Correction 150 Correct	NUMBER 2 FEBRU	ARY 19
Shirley M. Irish and George W. Platzman 48 Correction 48 On the Occurrence of Dynamic Instability in Incipient and Developing Hurricanes M. A. Alaka 49-8 An Experiment in Forecasting Rainfall Probabilities by Objective Methods Harry R. Glahn Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona Paul C. Kangieser 71-7 The Weather and Circulation of November 1961 Charles M. Woffinden Procipitation Estimates in the Great Lakes Drainage Basins Ivan W. Brunk The Tropical Cyclone Problem in East Pakistan Gordon E. Dunn A Gordon E. Dunn A General Relation Between Frequency and Duration of Precipitation Leonard L. Weiss Climatological Effect of Changeover to Hygrothermometer Benjamin Ratner The Inversion "Bright Band"—A Feature of Three Winter Storms Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler 107-108 The Hurricane Season of 1961 Gordon E. Dunn and Staff 107-108 The Weather and Circulation of December 1961—Strong Blocking at High Latitudes Raymond A. Green 107 NUMBER 4 APRIL 1 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes Sidney Teweles and Mirco Snidero New Weather Bureau Publication Sidney Teweles and Mirco Snidero New Weather Bureau Publication Sidney Teweles and Mirco Snidero New Weather Bureau Publication Correction 156 Correction 156 Correction 157 Correction 156 Correction 157 Charles M. A. Alaka 49-5 Sidney Teweles and Mirco Snidero 157 Circulation of January 1962—A Month With Large Circulation Changes and Widespread 157 Climatologial Effect of Changes and Widespread 157 Climatologial Effect of Changes and Widespread 157 Correction 156 Correction 156 Correction 156 Correction 156 Correction 156 Correction 157 Correction 157 Correction 158 Correction 158 Correction 159 Correction 150 Correct	An Investigation of the Meteorological Conditions Associated With Extreme Wind Tides on Lake Erie	
Correction		39-47
On the Occurrence of Dynamic Instability in Incipient and Developing Hurricanes. M. A. Alaka An Experiment in Forecasting Rainfall Probabilities by Objective Methods. Harry R. Glahn Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona Paul C. Kangieser Paul C. Kangieser Charles M. Woffinden Precipitation Estimates in the Great Lakes Drainage Basins. Ivan W. Brunk The Tropical Cyclone Problem in East Pakistan. Gordon E. Dunn A General Relation Between Frequency and Duration of Precipitation. Leonard L. Weiss Climatological Effect of Changeover to Hygrothermometer. Benjamin Ratner The Inversion "Bright Band"—A Feature of Three Winter Storms Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii. Richard K. Siler The Hurricane Season of 1961. Gordon E. Dunn and Staft 107- Publications by Weather Bureau Authors. 120 The Weather and Circulation of December 1961—Strong Blocking at High Latitudes Raymond A. Green NUMBER 4 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes J. K. Angell and J. Korshover Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. Some Problems of Numerical Objective Analysis of Stratospheric Constant Pressure Surfaces Sidney Teweles and Mirco Snidero New Weather Bureau Publication 5156 Variations in the Annual Frequency of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope" Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread	Recent Articles in Other Weather Bureau Periodicals	
An Experiment in Forecasting Rainfall Probabilities by Objective Methods		
The Weather and Circulation of November 1961	An Experiment in Forecasting Rainfall Probabilities by Objective MethodsHarry R. Glahn Possible Inhomogeneity of the Variance of the Freeze Hazard Distribution Over Arizona	49–58 59–67
Precipitation Estimates in the Great Lakes Drainage Basins		68-70
Precipitation Estimates in the Great Lakes Drainage Basins. Ivan W. Brunk The Tropical Cyclone Problem in East Pakistan Gordon E. Dunn A General Relation Between Frequency and Duration of Precipitation Leonard L. Weiss Climatological Effect of Changeover to Hygrothermometer Benjamin Ratner The Inversion "Bright Band"—A Feature of Three Winter Storms Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler The Hurricane Season of 1961 Gordon E. Dunn and Staff The Hurricane Season of 1961 Gordon E. Dunn and Staff The Weather and Circulation of December 1961—Strong Blocking at High Latitudes Raymond A. Green The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes J. K. Angell and J. Korshover Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. Data Processing Procedures of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Variations in the Annual Frequency of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope" Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread	The Weather and Circulation of November 1961Charles M. Woffinden	71–78
The Tropical Cyclone Problem in East Pakistan	NUMBER 3 MAI	RCH 19
Patrick E. Hughes and Richard A. Wood Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii Richard K. Siler The Hurricane Season of 1961 Gordon E. Dunn and Staff Publications by Weather Bureau Authors 120 The Weather and Circulation of December 1961—Strong Blocking at High Latitudes Raymond A. Green NUMBER 4 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes J. K. Angell and J. Korshover Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. 133- Some Problems of Numerical Objective Analysis of Stratospheric Constant Pressure Surfaces Sidney Teweles and Mirco Snidero New Weather Bureau Publication 156 Correction 156 Variations in the Annual Frequency of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope" Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread	Precipitation Estimates in the Great Lakes Drainage Basins	79–82 83–86 87–88 89–96
Synoptic Patterns for Wet and Dry Trades on the Island of Hawaii		97_10
The Weather and Circulation of December 1961—Strong Blocking at High Latitudes_Raymond A. Green NUMBER 4 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes	Synoptic Patterns for Wet and Dry Trades on the Island of HawaiiRichard K. Siler The Hurricane Season of 1961Gordon E. Dunn and Staff	103-1 107-1
NUMBER 4 The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes	The Weather and Circulation of December 1961—Strong Blocking at High Latitudes_Raymond A. Green	121-1
The Biennial Wind and Temperature Oscillations of the Equatorial Stratosphere and Their Possible Extension to Higher Latitudes		PRIL 19
Extension to Higher Latitudes J. K. Angell and J. Korshover Data Processing Procedures in Numerical Mesoanalysis George T. Dellert, Jr. 133- Some Problems of Numerical Objective Analysis of Stratospheric Constant Pressure Surfaces Sidney Teweles and Mirco Snidero New Weather Bureau Publication 156 Correction 156 Variations in the Annual Frequency of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope" Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread		
New Weather Bureau Publication 156 Correction 156 Variations in the Annual Frequency of Tropical Cyclones, 1886–1958 C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope" Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread	Extension to Higher LatitudesJ. K. Angell and J. Korshover	127–1 133–1
Correction		147 - 1
Variations in the Annual Frequency of Tropical Cyclones, 1886–1958C. L. Jordan and Te-Chun Ho Theory of the "Equivalent Slope"Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread		
Theory of the "Equivalent Slope" Richard Lee Richard Lee Richard Lee The Weather and Circulation of January 1962—A Month With Large Circulation Changes and Widespread		157-1
	Theory of the "Equivalent Slope"Richard Lee	165-1
	ColdL. P. Stark	167 - 1
Weather Note Cold Wave of January 8–11, 1962, in Montana	Weather Note Cold Wave of January 8–11, 1962, in Montana. R. A. Dightman	174

NUMBER 5	MAY 1962
Higher-Order Geostrophic Wind ApproximationsG. 'Arnason, G. J. Haltiner, and M. J. Frawley Evidence for Inertial Oscillations Along Transosonde TrajectoriesJ. K. Angell Weather Notes	
Surface Pressure Oscillations During a Typhoon Passage at Okinawa	
Graden Harger and John D. Warden Extensive Area of Persistent Stratus and Fog in Great Plains, November 27–December 2, 1961	197-200
Burton Handy	
The Weather and Circulation of February 1962—A Month with Two Contrasting Regimes Associated with a Sharp Drop in Zonal Index	
NUMBER 6	JUNE 1962
Some Features of the Annual Temperature Regime in the Tropical StratosphereRichard J. Reed Correspondence	211–215
Comments on "An Investigation of the Meteorological Conditions Associated with Extreme Wind Tides on Lake Erie"	216
Reply Shirley M. Irish and George W. Platzman	216
Atmospheric Dispersion Over Chesapeake BayDavid H. Slade Publications by Weather Bureau Authors	217–224 224
An Observation of Arcus and Funnel Clouds over Chesapeake Bay	
Tornadoes in Northeastern Kansas, May 19, 1960 R. A. Garrett with collaboration of Vaughn D. Rockney Recent Articles in Other Weather Bureau Periodicals	231–240 240
Some Normal-Incidence Solar Radiation Observations During the IGYS. Fritz and T. H. MacDonald The Influence of Inertial Instability Upon Transosonde Trajectories and Some Forecast Implications	
J. K. Angell The Weather and Circulation of March 1962—A Month with an Unusually Strong High-Latitude Block	
Julian W. Posey	. 252–258
NUMBER 7	JULY 1962
Rocket Observations of High Level Meridional Flow Over North America During 1960 and 1961 William E. Hubert	259-262
On the Use of Tetroons for the Estimation of Atmospheric Dispersion on the MesoscaleJ. K. Angell Mountain Waves in the AppalachiansCharles V. Lindsay	263-270
Publications by Weather Bureau Authors Seasonal Temperature and Precipitation Trends at Five Minnesota Stations Donald G. Baker	282 283–286
Correspondence	
Comments on "Analysis of Satellite Infrared Radiation Measurements on a Synoptic Scale" and "Synoptic Use of Radiation Measurements from Satellite TIROS II"Philip F. Clapp	
Forecast Problems During the Life Cycle of a Cut-Off Low, January 20–29, 1962 Robert B. Ross and Harold M. Hess	289–298
The Weather and Circulation of April 1962—A Month with Persistent Blocking in the Pacific Charles M. Weffinden	299-305
Suggestions for Authors	306
NUMBER 8 AUG	GUST 1962
Preliminary Study of Planetary-Scale Outgoing Long-Wave Radiation as Derived from TIROS I. MeasurementsJay S. Winston and P. Krishna Rao	307-310
On Transformation of Kinetic Energy Between the Vertical Shear Flow and the Vertical Mean Flow in the Atmosphere	
A Generalized Two-Level Graphical Forecast SchemeT. N. Krishnamurti	
The Equivelence Between Certain Statistical Prediction Methods and Lineerized Dynamical Methods D. Lee Harris	331–340

North Atlantic Tropical Cyclone Activity, 1901–1960G. W. Cry and W. H. Haggard	341–349
Correspondence Comments on "Evidence for Inertial Oscillations Along Transosonde Trajectories"Homer T. Mantis Reply	350 350
Northbound Tropical Cyclone—A Case HistoryRichard Fay	351-361
Note on Tropical Cyclones of 1961	362
Weather Note	
On Hurricane Alice of 1954–1955Thomas H. R. O'Neill and C. L. Jordan The Weather and Circulation of May 1962—Record Heat in the Mid-WestJames F. O'Connor	363-364 365-370
NUMBER 9 SEPTEM	IBER 1962
Hurricane Movement and Variable Location of High Intensity Spot in Wall Cloud Radar Echo	
S. Neuman and J. G. Boyd	371-374
Operational Use of Weather Radar Composites in FloridaHarry M. Hoose Weather Note	375–381
The First Waterspout Discovered on Satellite PhotographsL. F. Hubert	382-384
A Method of Integrating a Radiometer Output for Climatological Studies	385-390
DataJ. K. Angell	391-397
Iowa Tornadoes H. R. Spohn and P. J. Waite An Analysis of the Causative Factors of the February 1962 Floods in Utah and Eastern Nevada	398-406
New Weather Bureau Publication.	407-413 413
The Weather and Circulation of June 1962—A Generally Cool Month	414-418
NUMBER 10 OCTO	BER 1962
An Investigation of Broadscale Vertical Motions and Precipitation in an Eastern North American Storm	
W. L. Gutzman	419-424
Summer Convective Cell Radar Patterns Over Northern and Central California	
H. P. Benner, R. E. Hambidge, L. B. Overaas, D. B. Smith, and J. A. Youngberg	425-430
Gravity Wave Over New England, April 12, 1961	431-436
Comments on a Mississippi Valley CyclogenesisEdwin B. Fawcett The Weather and Circulation of July 1962—A Cool Month Associated with a Strong Blocking Wave	437–442
James F. Andrews	443-450
NUMBER 11 NOVEM	IBER 1962
Sferics Amplitude Distribution Jump Identification of a Tornado Event Douglas A. Kohl	451-456
Satellite Pictures of Mesoscale Eddies L. F. Hubert and A. F. Krueger	457-463
Recent Articles in Other Weather Bureau Periodicals	464
Mean-Layer Wind Charts in Tropical Analysis	465-470
Norman J. Rosenberg and Richard E. Myers	471 - 476
Weather Note	
An Unusual Hail Formation Homer Mantis and George Freier	476–478
Note on the Measurement of Skill of Probability Forecasts. Donald L. Jorgensen The West learnest Circle Lating of April 1969. April 1969 April	479-482
The Weather and Circulation of August 1962—Another Cool Month in the North————L. P. Stark Publications by Weather Bureau Authors————————————————————————————————————	483–488 489–490
New Weather Bureau Publication	490
NUMBER 12 DECEM	BER 1962
Air Trajectories and Turbulence Statistics from Weather Radar Using Tetroons and Radar Transponders	
Donald H. Pack	491-506
Satellite Pictures and the Origin of Hurricane Anna	507-573
Weather Notes Tornadoes Associated with Hurricane Carla, 1961 Alexander Sadowski	514-516
A Pinwheel Cloud Formation as Viewed by T1ROS 1 R. W. White	514-510 $517-518$

Correspondence	525
	525
Comments on "The First Waterspout Discovered on Satellite Pictures"Donald C. Gaby	
ReplyL. F. Hubert	525
Further Comments on "The First Waterspout Discovered on Satellite Photographs"L. F. Hubert	526
The Weather and Circulation of September 1962—Another Cool MonthJames F. O'Connor	527 - 534
Contents, Volume 90	535 - 537
Correction Notices	537
Index, Volume 90	539 - 548

CORRECTION NOTICES

Vol. 89, Dec. 1961:

- p. 506, col. 2: Sentence beginning in line 5 should read "Below 200° K., it increases significantly with decreasing temperature."
- p. 511, fig. 3: The extrapolation of \mathcal{E}_f^o curve to larger optical thickness by dashed line is inaccurate. Refer to runs $(j \sim m)$ of Walshaw's [65] experiment.
- p. 512, fig. 4: Range of the ordinate should be from 0.0 to 0.6 cal./cm², min. instead of 0 to 6.
- p. 527, col. 1: Beginning in line 20 from the bottom, after the semicolon the sentence should read "that by ozone, however, hardly decreases owing to the sharp latitudinal increase of ozone at this level.", eliminating the last part of the sentence.

Vol. 90, Jan. 1962:

p. 38: In col. 1 the first sentence in regard to hurricane Hattie should read: "Reaching hurricane intensity on the 27th (28th gmt), it veered sharply to the west on the 29th and hit Belize, British Honduras, with devastating force on the 31st."

July 1962:

- p. 274: In figure 5, the plotted numbers show altitude ($\times 100 \, \mathrm{ft.}$) instead of azimuth.
- pp. 303 and 305: The maps shown in figures 7 and 9 are not the ones intended. The correct cuts for April 1962 are shown on p. 418, September 1962 issue.

Aug. 1962:

p. 362: In caption for figure 1, change 1962 to 1961.

Sept. 1962:

Table of contents: In entry for pp. 414-418, change the subtitle to "A Generally Cool Month."

Oct. 1962:

pp. 447 and 449; Cuts B and C of figures 7 and 10 are interchanged.

Nov. 1962:

p. 462: In col. 1, 15th line from bottom should read "... therefore the first quantity of equation (5) must remain ...", instead of "equation (2)."